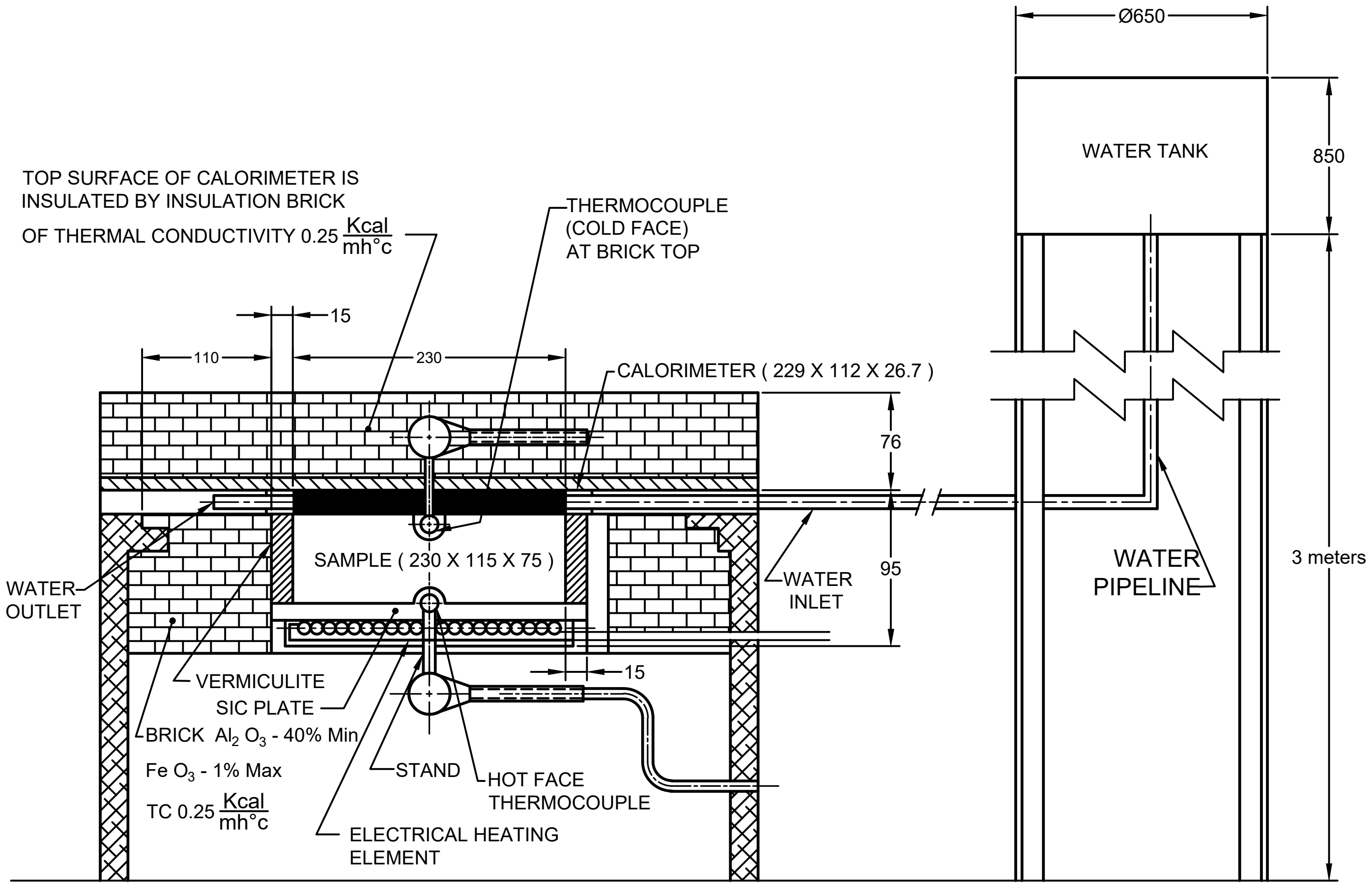
AMENDMENT NO. 1 OCTOBER 2023

TO

IS 17107 : 2019 METHOD FOR DETERMINATION OF THERMAL CONDUCTIVITY OF DENSE AS WELL AS INSULATING FIRED REFRACTORIES, REFRACTORY MONOLITHICS AND PRECAST PREFIRED (PCPF) SHAPES

(*Page* 2, *Fig.* 1) — Substitute the following figure for the existing figure:

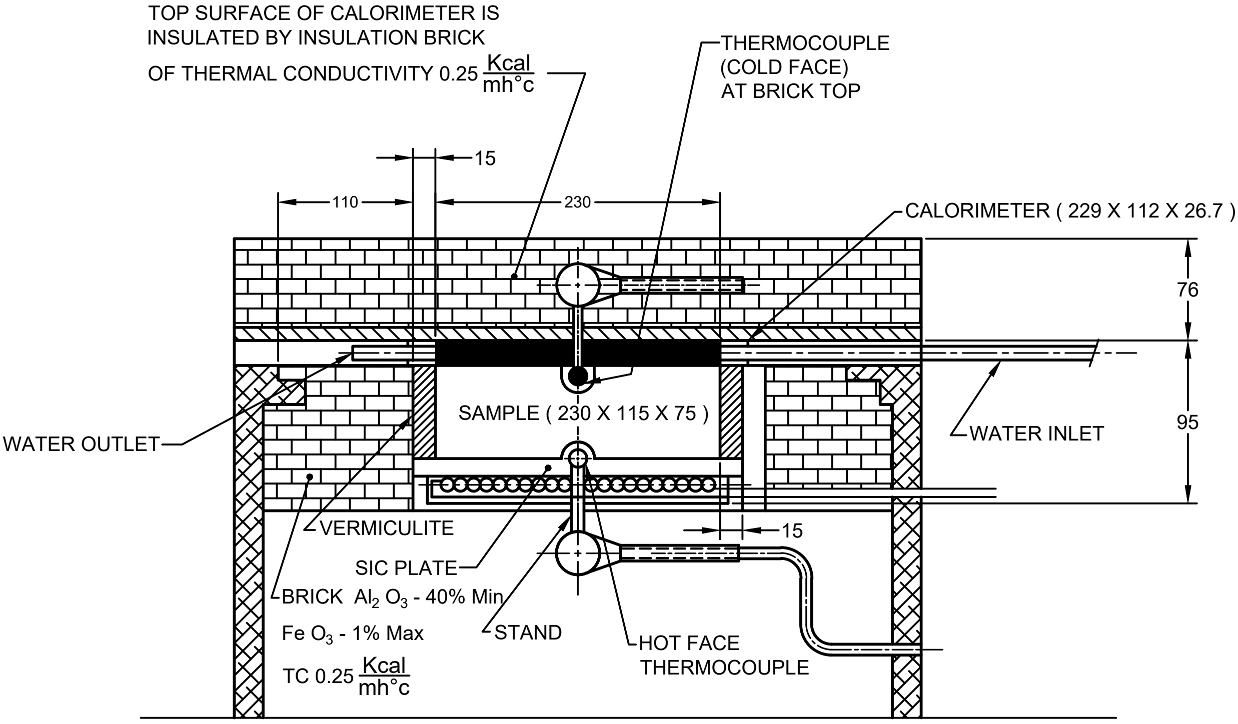

Ø650
WATER TANK
850
TOP SURFACE OF CALORIMETER IS INSULATED BY INSULATION BRICK OF THERMAL CONDUCTIVITY 0.25 $\frac{\text{Kcal}}{\text{mh°c}}$
THERMOCOUPLE (COLD FACE) AT BRICK TOP
15
110
230
CALORIMETER (229 X 112 X 26.7)
76
95
3 meters
WATER PIPELINE
WATER INLET
SAMPLE (230 X 115 X 75)
WATER OUTLET
15
VERMICULITE
SIC PLATE
BRICK Al_2O_3 - 40% Min
Fe O_3 - 1% Max
TC 0.25 $\frac{\text{Kcal}}{\text{mh°c}}$
STAND
HOT FACE THERMOCOUPLE
ELECTRICAL HEATING ELEMENT

ALL DIMENSIONS ARE IN MILLIMETRES.

FIG. 1 ARRANGEMENT OF DIFFRENT COMPONENTS OF THE WATER CALORIMETER

Price Group 1

(*Page* 3, *Fig.* 2) — Substitute the following figure for the existing figure:


TOP SURFACE OF CALORIMETER IS
INSULATED BY INSULATION BRICK
OF THERMAL CONDUCTIVITY 0.25 $\frac{Kcal}{mh°c}$
THERMOCOUPLE (COLD FACE) AT BRICK TOP
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CALORIMETER (229 X 112 X 26.7)
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WATER OUTLET
SAMPLE (230 X 115 X 75)
WATER INLET
VERMICULITE
15
SIC PLATE
BRICK $Al_2 O_3$ - 40% Min
Fe O_3 - 1% Max
TC 0.25 $\frac{Kcal}{mh°c}$
STAND
HOT FACE THERMOCOUPLE

ALL DIMENSIONS ARE IN MILLIMETRES.

FIG. 2 ARRANGEMENT OF THE REFRACTORY

(MTD 15)

Price Group 1

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